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EIGHTH
ANNUAL REPORT

OF THE

STATE BOILER INSPECTOR

FOR THE

Year Ending November 30, 1896.

STATE PUBLISHING Co.,
State Printers and Binders, Helena, Mont.
1897

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EIGHTH
ANNUAL REPORT

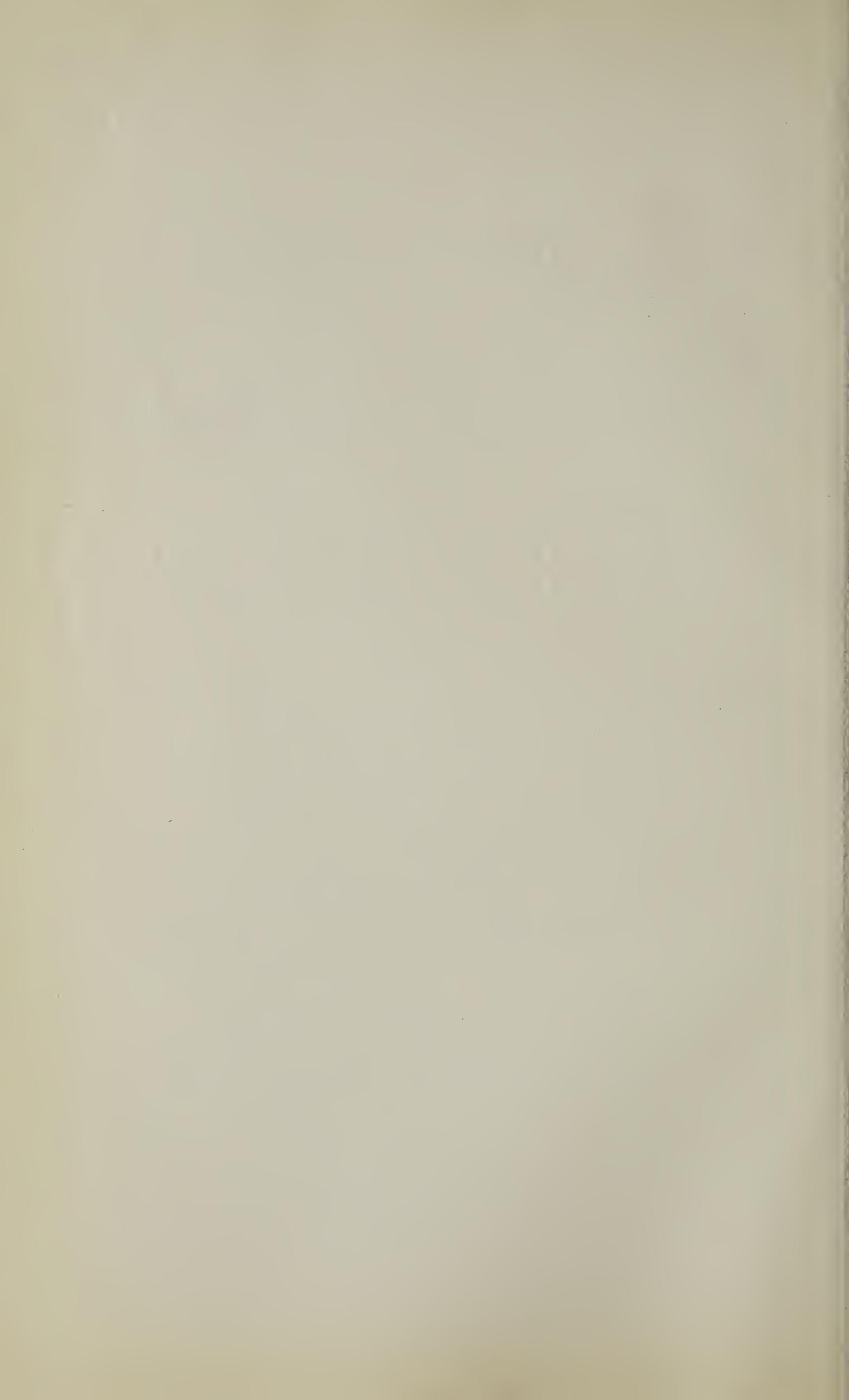
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STATE BOILER INSPECTOR'S OFFICE,

Helena, Montana, November 30th, 1896.

To His Excellency, the Honorable,

JOHN E. RICKARDS,

Governor of Montana.

Sir:—I have the honor to submit herewith, the Eighth Annual Report of this department.

A comparison of the attached condensed recapitulation of the work done by this department since 1891, previous to which time there are no available reports, and the following tabulated and detailed report, will show the increase in the work accomplished by the inspectors in the number of boilers inspected, and a corresponding increase in the receipts of the office which, during the year just closed, came within the sum of \$293.60 of meeting the total expenses of maintaining the office, including salaries, traveling and office expenses.

The law relative to the inspection of boilers, requires that all boilers which come under the law, shall be inspected at least once in each year. While an increase each year, in the number of boilers inspected, has been made; still, in no year has it been possible to inspect all of the boilers in operation, owing to the fact that two inspectors are unable to do the amount of work necessary to cover the state. The constant increase in the number of boilers in operation, and the extra amount of office work, necessitates an additional amount of help.

For the possible more effective attainment of the purposes of the present inspection law, I have the honor to recommend to your Excellency's attention, the following amendments, to-wit:

First. That an additional assistant inspector be appointed and that the appropriation for the boiler inspection department be increased so as to cover his salary and expenses.

Second. That all steam-boilers and engines mounted on wheels, and all classes of steam-boilers and engines of more than five horse-power, excepting locomotive-boilers and loco-

motive engines, and the persons operating the same, be brought under the inspection law of the state.

Third. As previously recommended in my report of 1894, to-wit: Provision should be made for the examination of, and the granting of a special license, to operators—not engineers—of low-pressure steam-heating plants in use in the state. This examination and special license to cover qualifications below the grade, even, of a third-class engineer; provide for the care of this special class of steam plants only, for which this class of applicants may be found qualified.

It is gratifying to state, that during my incumbency in office, there has been no explosion of any steam-boiler or connections thereto, of the class brought under the law.

By reference to the attached condensed recapitulation of the work done by this department since 1891, it will be noted that there were more than double the amount of boilers inspected during this year than there were the first year of my term, 1893, which is due to the fact that the inspectors have become more thoroughly acquainted with the locations of the steam plants, and the most advantageous times for making the inspections thereof. It should be further noted, that the office has been almost self-sustaining during the past year, and I believe that it could be made fully self-sustaining by the appointment of an additional assistant inspector, as recommended above.

In the discharge of their duties, the inspectors have met with the most uniform courtesy upon the part of the state officials. The hearty co-operation and courteous treatment and assistance tendered by the engineers in charge, and by the owners and managers of the steam plants throughout the state, has greatly facilitated the work, and is here respectfully acknowledged.

Very respectfully,

Your obedient servant,

GEORGE BLINN,

State Boiler Inspector.

RECAPITULATION OF WORK PERFORMED BY THE BOILER
INSPECTOR DEPARTMENT.

From November 30, 1890, to November 30, 1896.

Year.	Boilers Inspected.	Total Receipts.	Total Expenses.	Deficiency.
1891	393	\$4,515 00	\$6,997 44	\$2,482 44
1892	338	4,450 0	6,498 25	2,048 25
1893	301	4,665 50	6,571 21	1,905 21
1894	431	5,038 00	6,557 05	1,519 05
1895	511	5,913 00	7,147 20	1,234 20
1896	606	6,906 00	7,199 60	293 60

INSPECTORS'S REPORT.

Financial Statement for the Year Ending November 30, 1896.

RECEIPTS.

From Appropriations:		
For Inspector's Salary.....	\$ 2,400 00	
Asst. Inspector's Salary.....	1,800 00	
Traveling and office expenses.....	3,000 00	
	—————	\$ 7,200 00
From Office Receipts:		
From 26 Original 1st Class Licenses.....	\$ 195 00	
71 " 2d " " 	355 00	
246 " 3d " " 	738 00	
24 Reissue 1st " " 	172 50	
37 " 2d " " 	1 5 00	
42 " 3d " " 	126 00	
971 Renewals	971 00	
Cuts and Rejections.....	148 50	
Inspecting 606 Boilers.....	4,015 00	
	—————	6,906 00
Total.....		\$14,106 00

DISBURSEMENTS.

For Inspector's Salary.....	\$ 2,400 00	
Asst. Inspector's Salary.....	1,800 00	\$ 4,200 00
Traveling and Office Expenses.....		2,999 60
Amount turned ao State Treasurer		6,906 00
Bal. in Appropriation for Traveling and Office expenses		40
	—————	
Total.....		\$14,106 00

BOILER INSPECTIONS.

Total number of miles traveled.....	18,486
Number of visits made.....	736
Number of boilers examined.....	765
Number examined externally and internally.....	601
Number tested by hydrostatic pressure.....	606

In these visits and inspections, 5,418 defects were noted, of which 449 were considered dangerous and suitable necessary repairs were ordered to be made

Twelve boilers were condemned as unfit for further use. Reference is made to the following classified list of defects:

Nature of defect.	No. Noted	No. Dangerous.
Cases of deposit of sediment.....	474	17
Cases of incrustation and scale	516	25
Cases of internal grooving and pitting.....	161	13
Cases of internal corrosion	141	9
Cases of external corrosion.....	139	4
Broken, loose or defective stays.....	132	26
Defective settings.....	71	12
Furnaces out of shape.....	128	19
Fractured plates.....	56	10
Burned plates.....	93	7
Bagged or blistered plates.....	90	6
Defective Rivets.....	1,233	6
Defective Heads.....	63	8
Leakage around tube ends.....	1,207	132
Leakage at seams.....	362	19
Defective water-gauges.....	109	25
Defective blow-outs.....	67	20
Cases of deficiency of water.....	5	2
Safety-valves overloaded.....	36	29
Defective safety-valves.....	97	32
Boilers without safety-valves	2	2
Defective pressure gauges.....	223	23
Boilers without pressure guages.....	13	3
Total.....	5,418	449

NUMBER AND GRADE OF LICENSES AND TO WHOM ISSUED.

Name.	No.	Grade.	Name.	No.	Grade.
Oscar Else.....	1	3	George Deeney.....	39	3
Michael Murray.....	2	2	M. J. Powers.....	40	3
Joseph H. Jones.....	3	2	Harry Smedley.....	40	2
J. F. McDonald.....	4	3	John Holzheimer.....	41	8
J. A. McKenzie.....	5	1	Hugh Tolley.....	42	3
John L. Larson.....	6	3	Ernest W. King.....	43	1
John Cumbo.....	7	1	Milo Munroe.....	44	2
A. C. Dilley.....	8	2	James McKay.....	45	3
C. H. Mott.....	9	2	John Stowman.....	46	3
Robert M. Smith.....	10	3	James Wylie.....	47	3
Joseph Robbins.....	11	1	Charles Goodman.....	48	2
James Bonnalie.....	12	1	Enoch Hodson.....	49	3
C. Christofferson.....	13	2	John W. Jensen.....	50	2
John Krodel.....	14	1	M. F. Major.....	51	2
Charles Longmuir.....	15	1	Louis Olson.....	52	3
Joseph A. Singer.....	16	2	W. B. Ivey.....	53	3
August Samuelson.....	17	3	Christian Hagan.....	54	3
M. F. Frickes.....	18	3	W. A. Llewellyn.....	55	2
Jacob Ramstorf.....	19	3	J. A. Kennedy.....	56	3
Theodore Frank.....	20	3	Thomas F. Hope.....	57	3
Sayver Johnson.....	20	3	G. Harder.....	58	3
Joseph Stickler.....	21	3	J. C. Eacut.....	59	3
Clarence F. Bonner.....	22	3	Michael O'Donnell.....	60	3
W. M. Montgomery.....	23	2	Jerry Mahoney.....	61	2
W. T. Stodden.....	24	1	G. H. Flores.....	62	2
Thomas Ackerman.....	25	2	Michael Ryan.....	63	1
William Pease.....	26	2	George Ross.....	64	2
James Murphy.....	27	3	A. E. Western.....	65	2
P. C. McNamar.....	28	2	Samuel Baldwin.....	66	1
Clarence Warden.....	29	3	Charles D. Evans.....	67	2
Orlander M. Smith.....	30	3	H. J. Gillepsie.....	68	1
John Hocking.....	31	2	Alexander Graham.....	69	2
John Sheehan.....	32	2	Edward Colton.....	70	1
John G. Cunie.....	33	2	George H. Smith.....	71	2
William Ettridge.....	34	3	Henry Williams.....	72	3
John S. Medlin.....	35	3	William H. Perkins.....	73	2
Dennis Clark.....	36	3	John Conner.....	74	2
William H. Rodgers.....	37	1	John Hanley.....	75	3
Joseph Adams.....	38	1	L. T. Beaver.....	76	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
W. B. Smith.....	76	3	John Ainsley.....	115	1
J. L. Churchill.....	77	1	James Dwyer.....	116	2
Charles Hill.....	78	1	Andrew McMillan.....	117	1
James B. Felts	79	1	F. W. Sherwood.....	118	2
Charles Longmaid	80	1	C. C. Whiting	119	2
J. T. Brady.....	81	1	Henry Steffins.....	120	3
Samuel N. Lees.....	82	1	P. T. Quirk.....	121	3
E. J. Hoadley.....	83	1	E. H. Weiseman.....	122	3
Watson Wiesmer.....	84	1	N. Swanson.....	123	2
Kenneth Campbell.....	85	2	Charles T. White.....	124	2
John Swan.....	86	1	Charles D. Wood.....	125	3
William P. Bentley.....	87	2	Frank B. Bennett.....	126	1
J. T. High.....	88	1	C. E. Bennett.....	127	1
Albert Peterson.....	89	3	George Ross.....	128	3
Joseph Petty.....	90	1	William B. Bennett	129	2
Leonard Ekwortzel.....	91	2	Albert Alexander.....	130	2
Joseph Marcille.....	92	1	Charles F. Grimmes.....	131	3
John McMahon.....	93	3	John Weber.....	132	2
Samuel Price.....	94	3	H. A. Stevens.....	133	3
Martin Lyth.....	95	1	W. J. Fisher	134	1
Michael F. McHale.....	96	1	John P. Hensler.....	135	1
Emil Sylvester.....	97	3	F. G. Davidson.....	136	2
Charles H. DeCamp.....	98	1	William P. Evans.....	137	2
William J. Timmins	99	2	Henry Blou.....	138	3
W. D. Garr.....	100	1	Charles McKenzie.	139	2
Harry Strong.....	101	3	Edward Hamlin.....	140	3
J. F. Case.....	102	2	James Hanlon.....	141	3
Thomas Riley.....	103	2	Stephen Titus.....	142	1
Robert L. Bennett.....	104	3	Carl Bjornstead.....	143	3
W. H. Mumbrue.....	105	1	George J. Corrigan.....	160	3
James O. Rutledge	106	1	William L. Hanna.....	161	3
Hugh Monahan.....	107	2	Geo. A. Ackerly.....	162	2
E. C. Ross.....	108	1	Donald B. Curry.....	163	2
William J. Martin.....	109	1	Alexander McKenzie.....	164	1
Kenneth M. Reves.....	110	1	William McGoldrick	165	3
Holland Noyse.....	111	3	J. F. Hooper	166	1
Louis Cotter.....	112	3	Andrew Doyle.....	167	1
Bert Johns.....	113	2	E. N. Bell.....	168	1
Edward Dunn.....	114	2	George Kershweng.....	169	3

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
T. J. Morgan	170	3	A. J. Wickes	158	1
Frederick Zeising.....	171	1	Frederick Holland.....	195	1
William C. Stanley ..	172	1	Frank A. Guibor.....	196	2
Charles Williams.....	173	3	William Fenn.....	197	2
William W. Scott.....	174	3	Thomas Trainer.....	198	2
Charles K. Jenkins.....	175	1	Robert A. Heslop.....	199	1
Joseph Jonasson.....	176	1	George Washington.....	200	3
N. G. White.....	177	2	Frank D. Sayrs.....	201	3
Henry Ballou.....	178	1	Wesley Furbush.....	202	3
Thomas Trainer.....	179	1	Lee Parrott.....	203	1
J. H. Curley.....	180	2	William G. Thompson.....	204	3
James E. Griffiths...	181	3	Thomas H. Robinson.....	205	3
William Riley.....	182	3	Harry S. Deane.....	206	3
Patrick Heaney.....	183	2	George H. Bird.....	207	1
George A. Boomer.....	184	3	H. M. Teskey.....	208	2
J. D. F. Alexander.....	185	3	George Brander.....	209	3
Clarence E. Denning.....	186	3	Royal Haxton.....	210	2
Daniel P. Sullivan.....	187	3	Edward Adams.....	211	1
William Ramsey.....	188	1	William B. Redding.....	212	2
Daniel Cumba.....	189	1	A. V. Ekland.....	213	3
John H. Bond.....	190	1	Michael Manley.....	214	2
Daniel Jenkins.....	191	3	Charles T. Weidman.....	215	1
L. C. Anthony.....	192	2	Louis Johnson	216	3
William Gibson.....	193	3	J. L. Buchanan.....	217	2
Charles Gelman.....	194	2	Ole Moen.....	218	3
Henry W. Martin.....	144	2	Frederick A. Smith.....	219	3
George R. Turner.....	145	1	Robert G. Davies.....	220	3
William R. Hoskin.....	146	2	Samuel Fleming.....	221	3
J. N. Chapin.....	147	1	George W. Thorn.....	222	2
James H. Pew.....	148	2	D. A. Buchanan.....	223	2
P. H. Armstrong.....	149	3	Charles A. Wilson.....	224	1
Ernest Schuler.....	150	3	James H. Dailey.....	225	1
J. S. McLaughlin.....	151	3	W. H. Sullivan.....	226	1
C. A. Joyner	152	2	James C. Falkman.....	227	2
Thomas Hunter.....	153	3	Louis Owen.....	228	1
J. F. Newbould.....	154	3	John F. Estey.....	229	2
Thomas Lyle.....	155	3	Joseph Bartson.....	280	3
Michael Savage.....	156	2	Charles Erickson...	281	1
William E. Davey.....	157	2	James Brophy.....	232	3

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
Daniel J. Buckley.....	233	2	Thomas G. McCormick.....	272	3
Thomas Mullholland.....	234	2	Stanley Horne	273	2
Louis Crook.....	235	1	Henry Buckhouse.....	274	3
Daniel Howard.....	236	2	George A. Free.....	275	3
John P. Carney	237	2	William G. Walton.....	276	1
William H. Sanders.....	238	3	Timothy Hurley	277	3
E. Dilsaver.....	239	3	Thomas Pearson	278	1
D. C. Riley	240	3	August Creer	279	1
W. J. Hocking	250	3	Louis E. Geis.....	280	3
Peter Trosello	241	3	James H. Free	281	3
Charles Barron.....	242	3	William D. Galloway.....	282	3
J. E. Flood.....	243	3	Frederick J. Dormer	283	1
Evey Sterens.....	244	3	J. A. Christianson.....	284	3
Geo. E. Linn	245	2	A. J. Jemison.....	285	1
Walter Holling.....	246	2	Albert Bachmann	286	2
Austin Schott	247	1	William Ensminger.....	287	1
Daniel Doonan.....	248	3	John T. Nagle.....	288	1
Thomas Lenihan	249	2	Robert Leggat.....	289	1
John Johnson.....	251	1	A. W. Mitchell.....	290	3
J. S. Trumblade.....	252	2	T. F. Hopkins.....	291	1
George S. Condon.....	253	1	Joseph Whitehead	292	2
G. F. Nelson	254	3	J. H. Barnicoat.....	293	3
Adolph Manthey	255	1	C. O. Magill.....	294	2
John P. Anderson.....	256	1	William Sauer	295	1
J. M. McGuire.....	257	2	Charles O. Hogan.....	296	2
F. G. Weber.....	258	2	David Storrar.....	297	1
H. B. Milligan.....	259	2	Harry A. Pence.....	298	2
S. R. Jensen.....	260	3	S. M. Meadows.....	299	3
Joseph P. Rossiter	261	1	W. R. Mealey.....	300	2
E. H. Nash.....	262	1	John G. Welch	301	3
Nils Rundberg	263	3	John F. Groth.....	302	3
E. S. Wells.....	264	1	E. W. Falkins.....	303	3
Elof Lundgren.....	265	3	John J. Duffy.....	304	1
George J. Motzger.....	266	1	James Greig.....	305	2
George F. Waddell.....	267	1	W. T. Abercrombie.....	306	3
R. D. Yokom	268	2	H. O. Stipe.....	307	1
Harry Williams.....	269	3	J. R. Lingo.....	308	3
L. D. Roberts	270	2	Benjamin Donne	309	1
P. Thompson.....	271	3	N. H. Starbird	310	3

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
Addie Vincent	311	2	Charles E. Palmer	367	2
Thomas Ogle.....	312	1	John Fea.....	368	1
Frank Wallace	313	1	John Mills	368	1
Peter Kendrick.....	314	1	Samuel B. Forster.....	369	2
I. W. Wright.....	315	3	Jacob Rice	370	1
Pierce S. Wilson.....	316	1	W. Mapes	371	2
John F. Nettle	317	3	V. B. Sabin.....	372	1
Charles T. Dillon	318	3	John Dickson.....	374	1
Jerry Lynch.....	319	2	Casper Oerth.....	375	3
James P. Nellis	320	3	B. J. Shea.....	376	1
John K. Norton.....	321	3	Frank A. Burns	377	1
Joseph Codling	322	3	F. H. Muir.....	378	3
Walter Forbes.....	323	3	Daniel J. Ryan.....	379	2
Frank Nelson.....	324	3	Phillip Parcell.....	380	3
Joseph Londe	325	2	William Woodcock.....	381	3
John Lawler.....	326	2	Richard Moran.....	382	1
Abraham Davis	327	3	William H. Hosken.....	383	1
Jerry Harrington.....	328	2	G. S. Everett.....	384	3
Angus H. McDonald	329	1	C. T. Hafner.....	385	2
Louis Lundfors	330	3	Evan Beynon.....	386	1
John W. Funk	331	3	George W. Baker.....	387	2
Griffith Jones	332	2	B. F. Cliff.....	388	2
A. F. Kent	350	2	Herbert Witherill.....	389	1
Thomas F. Nolan.....	351	3	John Weigand.....	390	1
H. M. Hanson.....	352	3	J. A. McLeod.....	391	3
N. F. Mossberg.....	353	3	John H. Youlton.....	392	2
William Bowen	354	2	H. B. Litton	393	2
Patrick McHugh	355	2	T. S. Hurd.....	394	3
Wlilam H. Hartman.....	356	2	M. Parker.....	395	1
Frank J. Davis.....	357	2	John O. Carom.....	396	2
George Erratt	358	2	Alexander McGregor.....	397	3
Charles Hanna	359	3	C. E. Shellady.....	398	3
Charles J. Stewart.....	360	3	William J. Kitto.....	399	3
John F. Milan	361	3	H. W. Remmick.....	400	1
A. B. Rossman	362	1	B. F. Wilderson.....	401	2
William F. Tucker	363	3	J. T. Ellis.....	402	2
Stephen H. Kelley	364	2	Thomas Knight.....	403	3
Joseph E. Hosking	365	1	W. A. McLean.....	404	1
John A. Richey	366	2	William Fezzy.....	405	2

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
Samuel W. Rule.....	406	2	Frank Thompson.....	452	2
Edwin Floyd.....	407	1	H. M. Briney.....	453	1
Frank Chouniard.....	408	1	George E. Hill.....	454	3
William O'Neill.....	409	2	Ernest M. Spear.....	455	2
M. D. Kilgore.....	410	2	Daniel O'Connell.....	456	1
Charles C. Goddard	411	1	H. F. Edwards.....	457	1
David W. Milner.....	412	2	J. R. McGrath.....	458	3
W. R. Brown.....	413	1	D. J. Blue.....	459	1
Charles Hartwell.....	414	2	James E. Davidson.....	460	1
Edward J. Clatworthy.....	415	3	John Gibbons	461	3
Wiley S. Gannon.....	416	3	Henry Lloyd.....	462	3
William H. Thomas.....	417	1	Michael Mulloy.....	425	3
Jacob A. Vealey.....	418	2	F. W. Mackay.....	426	3
Frank A. Quinn.....	419	1	William B. Lyons	427	2
Eugene E. Thebault.....	420	3	F. M. Tibbetts.....	428	1
F. M. Lund.....	421	2	W. J. McAuliff.....	463	1
Charles E. Pearce.....	422	2	Thos. A. Doyle.....	464	2
E. R. Chase.....	423	1	Geo. N. Caldwell.....	465	2
John P. Newberry.....	424	2	J. E. Waters.....	466	1
William J. Rickell.....	425	1	E. S. Gile.....	467	2
Charles Wells.....	333	2	William Joy.....	468	1
William Ostelle.....	334	3	William Bitner.....	469	3
Samuel Templeman.....	335	3	Ike W. Baker.....	470	1
Thomas Scallon.....	336	3	Frank D. Smith.....	471	1
Thomas H. Cox.....	338	1	Milo O. West.....	472	2
Phillip Fee.....	337	3	James Fox.....	473	3
Carl B. Bendixon.....	339	1	Hamilton Reid.....	474	2
John Barry.....	340	3	Frederick Withers	475	2
T. W. Cowan.....	341	3	Nels Nelson.....	476	3
Axrel Brince.....	342	2	Frank Goss.....	477	1
Anthony Lubke.....	343	1	C. A. Larson.....	478	2
J. C. Long.....	344	1	Lawrence A. Gray.....	479	2
Joseph Bourke.....	345	1	Frank Hawksworth.....	480	1
Louis Peterson.....	346	2	Richard Trehair.....	481	3
R. H. Boehm.....	347	2	John Hamilton.....	482	2
John H. McCracken.....	348	3	Charles Lybrooke	483	3
Thomas Mallee.....	349	3	Charles L. Wood	484	2
J. R. Lingo.....	350	2	Walter I. Shay	485	3
Louis Weldon	451	2	T. R. Baugh.....	487	2

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
John C. Driscoll.....	488	2	D. M. Hinds.....	506	3
James B. Main	489	3	Christian O. Toole	507	3
John Coleman.....	490	2	James Counihan	508	3
William H. Hill.....	491	2	William J. Dunstan.....	509	1
Frank E. Campbell.....	492	2	William J. Sando.....	510	3
Howard Weir.....	493	2	I. McNichols	511	2
William J. Strain.....	494	3	James McGregor	512	3
William Turner.....	495	3	Gustave Dahlquist	513	3
Frank J. Hudson.....	496	1	Julius Gertiser.....	514	2
Henry Royles.....	497	1	C. E. Davidson.....	515	1
Philip Davis.....	498	2	William H. Thomas.....	516	1
Charles Fairbanks	499	2	J. W. James	517	3
Frank Nelson	500	2	John Beassette.....	518	2
Robert A. Porter	501	2	August Schutz	519	3
Daniel Devine	429	2	C. W. Collins.....	520	1
Andrew Palinquist.....	430	2	Edward Sullivan	521	3
Samuel McConnell.....	431	2	Arthur B. Clark.....	551	3
George B. Avery.....	432	1	J. W. Carter.....	552	2
James C. Ray.....	433	3	John McKinney.....	553	1
Hiram A. Harvey	434	3	James Peterson	554	1
James A. Brainard.....	435	2	William S. Clark.....	555	2
C. W. Krinnick.....	436	1	James McKenzie..	556	2
George A. Redding.....	437	2	Stephen Longtain.....	557	1
J. O. Shamberger.....	438	1	W. S. Van Osdol	558	2
Edward S. Smith.....	439	2	Daniel McDonald.....	559	1
A. R. Martin	440	3	Charles W. Shunk	560	1
William D. Hullihan	441	3	Frederick Bourne	561	2
Charles McAuliff.....	442	1	S. J. Punches.....	562	1
Daniel Foringer.....	443	1	Thomas Walton.....	563	2
J. E. Briney.....	444	1	G. A. Colson	564	3
M. C. Mattison.....	445	1	Eugene Courtney.....	565	1
H. E. Sims	446	1	A. Fitzgerald.....	566	2
John R. Thomas	447	1	B. E. Bronson.....	567	1
Thos. Rodda.....	448	3	H. J. Lutz.....	568	1
George R. Waters	449	1	Peter Brown	569	2
Andrew Young.....	502	3	D. F. Wampler.....	570	3
George H. Kellogg.....	503	3	odore Kawellek	571	1
John Williams	504	3	W. A. Greenwalt	572	2
John H. Ryan	505	3	Charles H. Snow	573	3

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
John Kelley.....	574	3	George Oswald	584	1
R. T. Julien.....	575	3	Whitman G. Jones	585	3
William Rozsa	576	3	Joseph G. Hilger.....	586	2
David C. Carey.....	577	3	Frank Blodgett.....	587	2
John C. Spencer	578	1	Daniel B. Steele.....	588	2
A. McKelvey	579	2	John B. Kaiser.....	589	2
Frank Russell.....	580	3	Henry Rockinger.....	590	2
Charles E. Avery.....	522	2	John A. Eklund.....	591	2
Edward Doyle.....	523	2	M. J. Legg	592	1
James McMannus	524	1	Elias Hale.....	563	1
John T. Drummy.....	525	1	Joseph Smith	594	3
J. H. Wilhite.....	526	3	H. E. Siderfin	595	1
C. L. Hanson.....	527	1	J. G. Almquist	596	2
Charles Wyman.....	528	1	William C. Evans.....	597	2
F. D. McCabe	529	2	Andrew Brennan.....	598	1
Alfred Komasek.....	520	3	R. P. Kelley.....	599	1
A. C. Hokenson.....	531	2	Albert H. Doud.....	600	2
Joseph Jilbert.....	532	2	Alexander Austin.....	601	3
George B. McDonald	533	3	Richard Williams.....	602	1
Edward Kans.....	534	3	T. A. Copeland.....	603	1
Frank S. Getchell.....	535	2	Patrick Clark.....	604	3
Victor Huffman	536	1	E. N. Hughes.....	605	2
Allison C. Fisher.....	537	2	Marshall Bullen.....	606	2
D. H. Curley.....	538	2	Geo. B. Hamilton.....	607	3
John M. White.....	539	1	William Williams.....	608	3
John Tregoning.....	540	2	D. N. Nickerson.....	609	1
Theodore Enright.....	541	3	Charles McGee.....	610	1
John Phillips	542	2	James P. Young.....	611	1
James D. McDonald.....	543	3	James Duffy.....	612	3
Thomas Green	544	2	Joseph Corby.....	613	1
William Bews	545	3	James D. Steer.....	614	3
Louis A. Drago.....	546	1	E. O. Dewey.....	615	3
George H. Savage	547	2	Joseph E. Brush.....	616	3
John T. Pogson	548	1	E. McVey.....	617	3
James B. Montgomery	549	2	D. McGuire.....	618	3
John A. Shiffman.....	550	1	Henry Giguere.....	619	3
C. A. Jackson	581	1	A. H. Andrews.....	620	1
Martin Wilson.....	582	2	B. F. Plummer.....	651	1
A. B. Clark.....	583	3	Malcolm Gillis.....	652	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
W. D. Clark.....	653	2	John LeSage.....	692	1
Charles W. Drake.....	654	2	J. M. Finnegan.....	693	2
James Ellston.....	655	2	William Jansan.....	694	1
Wlliam J. Woolsey, Jr.....	656	2	A. W. Church.....	695	2
Robert J. Ennis.....	657	1	A. C. McDonald.....	696	3
Thomas Thew.....	658	1	George Boerke.....	697	3
Nestor Broulett.....	659	1	C. B. Joslin.....	698	3
James A. Blakely.....	660	1	John H. Bohling.....	699	3
John H. Vogel.....	661	2	Walter G. Pace.....	700	1
Michael Mullholland.....	662	2	W. N. Mason.....	701	2
M. C. Riley.....	663	1	Peter C. Keenan.....	702	1
J. H. Williams.....	664	1	August Schneider.....	703	3
M. J. Nettle	665	1	Jonathan Sewall.....	704	1
Frederick W. Lawson.....	666	3	R. W. Wing.....	705	1
D. T. DeGroot.....	667	3	Thomas Plunkett.....	706	2
Ira G. Griggs.....	668	2	Alvin Kinney.....	707	2
Josiah Bennett.....	669	1	Patrick Gallagher.....	708	3
J. N. Stephens.....	670	1	F. W. Sommers.....	709	3
William L. Hugo.....	671	1	L. R. Harper.....	710	1
John M. Tobin.....	672	2	Watson S. Van Etten.....	711	2
Daniel McAuliff.....	673	1	H. G. Newton.....	712	2
Charles J. Stevenson.....	674	1	John Wellington.....	713	1
Morgan Davis.....	675	1	B. W. Clark	714	1
Harry Moore.....	676	2	John E. Astle.....	715	3
Thomas Noble.....	677	1	J. C. Sinsel.....	716	2
William Schmittner.....	678	1	John Wiegenstein.....	716	1
Elroy G. Smith.....	679	2	Michael K. Sullivan.....	717	2
Granvile Foster.....	680	2	Quinlan O. Leary.....	718	3
Edwin Getshell.....	681	3	George Blinn.....	719	1
Robert Carlston.....	682	1	John J. McDonald.....	720	2
A. J. Stinson.....	683	2	W. S. Bates.....	721	2
Daniel G. Ross.....	684	1	D. J. Hartnell.....	621	1
John H. Gudelhofer.....	685	2	George W. Boomer	622	3
Joseph G. Hoar.....	686	1	Reinhold Plath.....	623	3
E. H. Metcalf.....	687	1	Charles Warner.....	624	2
James Nimmo.....	688	2	Joseph Steiger.....	625	3
A. Cavanaugh.....	689	2	Thomas Heal.....	626	3
Phillip Houle.....	690	2	G. C. Kimes.....	627	3
William A. Griffith.....	691	2	Samuel M. Cowan.....	628	3

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
Martin Messner.....	629	2	Robert Bolman.....	740	1
John Copeland.....	630	1	William Gnedelhoefer.....	741	3
John Dale.....	631	3	Patrick McDonnell.....	742	3
Robert H. Pierce.....	632	3	George Howard.....	743	3
L. P. Smith.....	633	1	C. McGarvey.....	744	3
A. J. Hill.....	634	3	M. J. McCabe.....	745	1
Robert Black.....	635	2	Charles Wilson.....	746	2
John Guerin.....	636	1	J. E. Eckstrom.....	747	1
Conrad Landru.....	637	2	John Halvorson.....	748	2
L. H. Grover.....	638	2	Daniel O'Grady.....	749	1
Andrew Stone.....	639	3	Frank Pollock.....	750	3
J. A. Rebhahn.....	640	2	G. Vadnais.....	751	3
Wm. P. McMannamy.....	641	3	Thomas J. Collins.....	752	1
Thomas Bardsley.....	642	3	Frederick C. Bowen	753	1
Nicholas Schander.....	643	3	Frank Bailey.....	754	1
Henry Lindlahr.....	644	3	Evan P. Clark.....	755	3
William Kiley.....	645	3	John Kane.....	756	2
Louis Peterson.....	646	2	James H. Steele.....	757	2
David A. Varner.....	647	3	S. L. Golding.....	758	2
Thomas L. Sparks.....	648	3	Hiram J. Kerr.....	759	2
George E. Snyder.....	649	3	R. E. Tait.....	760	3
F. L. Bucklin.....	650	3	John Hunter.....	761	1
Joseph Salay.....	722	1	Ivy Fulton.....	762	1
S. C. Ayers.....	723	1	H. F. Hurlbert.....	763	3
Robert Ray, Sr.....	724	1	Edward Farnham.....	764	1
Henry Lappin.....	725	2	Thomas Barrett.....	765	3
Frank J. Bennett.....	726	2	Jesse Wathey.....	766	1
Charles Ritner.....	727	2	Edward C. Harrington.....	767	1
Peter Betz	728	2	John Peters.....	768	1
George B. Roland.....	729	1	J. C. Fitzsimmons.....	769	3
William C. Osborn.....	730	1	Joseph H. Thomas.....	770	2
James C. Boyd.....	731	1	Walter H. Goodland.....	771	3
William Schneider.....	732	2	J. T. Miller.....	772	1
J. B. Winters.....	733	2	John Sweeney.....	773	2
Patrick McFall.....	734	3	Lawrence C. Pearson.....	774	2
J. Wilkenson.....	735	3	Benjamin T. Orcutt.....	775	1
T. D. Hoxey.....	736	3	August C. Kaiser.....	776	2
William J. Bullock.....	737	1	George Furlong.....	777	1
H. V. Williams.....	738	3	C. W. Jull.....	778	1
C. Busnahan	739	1	M. Arnold.....	779	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
Jerome B. Gates.....	780	1	J. C. LeGraff.....	869	1
Dean W. Selfridge.....	781	1	J. R. Morrison.....	870	1
John M. Spangler.....	782	3	Alexander Meagher.....	871	2
Isaac Hunsberger.....	783	3	T. J. Gamache.....	872	2
Georgo M. Ullrich.....	784	3	William E. Lowrie.....	873	2
J. A. McQuaig.....	785	2	J. W. Allen.....	874	3
W. D. Mulloy.....	786	1	R. L. Allen.....	875	3
Eman J. Noble	787	1	Charles E. Jacobson.....	876	3
William H. Foley.....	788	1	Christian Robertson.....	877	3
George W. A. Bond.....	789	1	C. L. Hafner.....	878	1
A. J. Rohday.....	790	1	Adolph Molstead.....	879	2
John T. Backus.....	791	1	Charles McDonnell.....	880	3
William Thompson.....	792	1	D. E. Jones	881	2
Joseph J. Smith.....	793	1	John Tordiff.....	882	1
W. E. Merritt.....	794	1	William Mummy.....	883	2
Clinton C. Clark.....	795	1	Elmer Stowman.....	884	2
John Keefe.....	796	2	John N. Rusche.....	885	1
M. F. Ruggles.....	797	1	George Fredenberg.....	886	3
John Cox.....	798	3	Frank Coll.....	887	1
Henry Sherman.....	799	3	Henry Jones.....	888	3
D. W. Trotter.....	850	1	Max Gertisan.....	889	1
M. J. Fitzgerald.....	851	3	W. A. Corbley.....	890	2
William D. Jones.....	852	1	Sigal Van Meter.....	891	2
Henry J. Staebler.....	853	2	D. A. McGregor.....	892	2
Thomas Williams.....	854	1	Frederick A. Garrett.....	893	3
J. J. Botter.....	855	2	William Tyack.....	894	1
David Griffiths.....	856	3	W. H. A. Miller.....	895	2
John Green.....	857	2	Thomas Harris.....	896	2
Frank Trainor.....	858	1	J. R. Frazer.....	897	3
Joseph E. Shrewsbury	859	2	John P. Fisher.....	898	2
Mark W. Van Dyke.....	860	3	Thomas W. Howell.....	899	1
Joseph Huddleston.....	861	2	Thomas Warren.....	900	1
C. R. Delany.....	862	3	James McNichols.....	901	1
William Gray.....	863	1	David Goodwin.....	902	1
H. B. Futter.....	864	3	Thomas Merrigan.....	903	2
Jeremiah E. Murphy.....	865	2	Thomas H. O'Rourke.....	904	3
Joseph Sterling.....	866	3	Jerry M. Sullivan.....	905	1
Charles P. Laidlow.....	867	1	Daniel Driscoll.....	906	3
John J. Range.....	868	1	Samuel D. Whipple.....	907	2

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
Otto Schmidt.....	908	1	Charles B. Lorenz.....	947	2
W. H. Swett.....	909	1	H. H. Lenim.....	948	3
H. H. Kannard.....	910	1	John McAndrews.....	949	3
J. J. Linman.....	911	3	Carl Egeberg.....	950	3
John A. Lantheaume	912	2	Frank Collier.....	951	3
William Nolan.....	913	3	John Bolger.....	952	3
John Monley	914	1	Charles A. Lyford.....	953	2
H. C. H. Tuttle.....	915	3	Samuel Warren.....	954	2
John Kiley.....	916	1	C. A. Blackburn.....	955	3
Peter Eneroth.....	917	3	Hans Hilgerson.....	956	3
W. G. Watson	918	2	W. L. Hawley.....	957	1
John W. Cook.....	919	3	A. J. Steele.....	958	2
Peter Johnson..	920	2	E. W. Thomas.....	959	1
Edmund Long.....	921	3	Stephen Hogan.....	960	3
E. E. Williams.....	922	1	Jerome Morris.....	961	3
Archie Gillis.....	923	1	John Fryberg.....	803	3
W. J. Wiley.....	924	3	Joseph Nichols.....	804	3
C. L. Imhoff.....	925	3	Joseph H. Genever.....	805	3
John Fitzgerald.....	926	2	Edward Doyle.....	806	3
John Muir.....	927	1	John T. Vanham	807	3
Samuel W. Swift.....	928	2	I. J. Sanderson.....	808	3
Abe Winwood.....	929	1	W. F. Weaver.....	809	3
John McNamar.....	930	2	John H. Patterson	810	2
John Ray.....	931	2	Peter Burris.....	801	3
Grant Cash.....	932	2	L. A. Murray.....	802	3
H. M. Eikenberry.....	933	2	A. J. Dean.....	811	3
Peter Green	934	1	B. J. Manry.....	812	3
Peter McIntyre.....	935	2	Alonzo Cummings.....	814	3
Charles Hardtla.....	936	3	John Grant.....	815	3
James Sheridan.....	937	2	George B. Johnson.....	816	2
John E. Parish.....	938	1	H. B. Wade.....	817	3
George P. Sterliug.....	939	1	Gustave Neilson.....	818	3
H. S. Libbey.....	940	1	Joseph Gray.....	819	1
Robert Ray, Jr.....	941	2	Charles W. Lewis.....	820	2
John R. Lewis.....	942	1	Erick Erickson.....	821	2
Alfred Bunt.....	943	3	William G. Marks.....	822	1
D. M. Meidigh.....	944	3	Thomas Brophy.....	823	1
Samuel King.....	945	3	Z. C. Pringey.....	824	2
Richard Bowden.....	946	1	Thomas Winwood.....	825	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
P. H. Fisher.....	826	3	Albert Fluhman.....	1014	2
Henry P. Morgan	827	2	Daniel Jennings.....	1015	2
Robert J. Watson.....	828	2	Charles Bowman.....	1016	3
Edward Jones.....	829	2	George M. Allen.....	1017	1
Joseph Heslop.....	830	1	Robert Ireton.....	1018	1
George Northeys.....	831	1	John Follis.....	1019	1
A. P. Heslop.....	832	1	Nicholas Burkard.....	1020	1
Peter H. Thorman.....	833	2	J. B. Lyons.....	1021	1
Otto G. Rundberg.....	834	2	Thomas Griffin.....	1022	2
W. A. Rockliff.....	835	1	Louis Odman.....	1023	2
Richard Thomas.....	836	2	Michael Farrell.....	1024	3
John L. Pickens.....	837	3	Marks Kanzovich	1025	3
John McIntosh.....	838	3	H. H. Morgan.....	1026	1
Ira Drury.....	839	3	Homer F. Chapin.....	1027	2
Henry C. Orman	840	3	Daniel McNaughton.....	1028	3
F. J. Gray.....	841	3	Frank S. Hyatt.....	1029	2
John B. Lindsay.....	842	1	John Kent.....	1030	2
W. H. Fach.....	843	2	W. J. Boyce.....	1031	2
William Bott.....	844	1	William Rodda.....	1032	1
Robert B. Sweet.....	845	3	Dennis Sullivan.....	1033	2
R. C. Perkins.....	846	3	Joseph E. Benoit.....	1034	3
Thomas Smith.....	847	3	George Plum.....	1035	3
C. W. Harris.....	848	2	Louis Olsen.....	1036	2
P. D. Sullivan.....	849	2	Thomas Reynolds.....	1037	2
Charles G. Jones.....	850	1	Frank S. Driscoll.....	1038	2
N. A. Hall.....	1000	1	J. F. Cunningham.....	1039	1
Noll B. Nason.....	1001	1	H. L. Ferguson.....	1040	3
Allen Beaton.....	1002	2	Theodore H. Smith.....	1041	3
George E. Wraith.....	1003	3	C. E. Rathbun.....	1042	1
Robert N. Cowan.....	1004	1	Thomas L. Thomas.....	1043	2
Eli N. Gunville.....	1005	1	Thomas E. Thomas	1044	1
James E. Cleary.....	1006	1	Augnst Newitz.....	1045	3
John Hamilton.....	1007	1	James McDonald.....	1046	1
Andrew Bye.....	1008	2	D. A. Thetge.....	1047	1
T. R. Denny.....	1009	1	Peter Clark.....	1048	1
H. W. Dunleavy.....	1010	3	W. O. Reese.....	1049	2
Thomas Copely.....	1011	3	Theodore Hollingsworth.....	1050	2
Floran Bottler.....	1012	3	Stephen Parker.....	1051	1
A. L. Harris.....	1013	2	John Holland.....	1052	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
W. L. Hollingsworth	1053	1	Charles F. Anderson.....	987	3
Joseph Donoviell.....	1053	1	Ephriam Olsen.....	988	3
Charles J. Wood	1054	1	H. F. Warner.....	989	2
James H. Kelley.....	1055	3	Albert Fonville.....	990	3
Edwin Sutor.....	1056	1	Oliver Stingley.....	991	1
Henry E. Schrub.....	1057	3	Thomas Travis.....	992	1
William N. Grams.....	1058	2	William Benbrooke.....	993	3
James Cocking.....	1059	3	James Hines.....	994	1
Rufus P. Kyle.....	1060	1	James Taylor.....	995	1
John A. McPhail.....	1061	2	Alexander Gilanders.....	966	1
John W. White	1062	3	Knute Peterson.....	997	3
John W. Geim	1063	3	Oliver Smith.....	998	3
M. W. Creveling.....	1064	1	Henry A. French.....	1066	3
Robert B. Wallace.....	1065	3	Evan Evans.....	1067	1
J. G. Korb.....	962	3	John Montgomery.....	1068	2
John Carney.....	963	3	John Mummy.....	1069	2
Michael Gibney.....	964	3	Gustave Burbach.....	1070	3
A. H. Todd.....	965	2	Patrick Cumba.....	1071	1
Martin L. Clancy.....	966	3	Oscar Bell.....	1072	2
Charles Kelley.....	967	3	Sandy Dunbar.....	1073	2
William Gregory.....	968	2	O. F. W. Ericksen.....	1075	3
John Uhl.....	969	2	W. S. Burkett.....	1076	1
Mannus Kane.....	970	3	H. G. Potter.....	1077	3
Thomas Phillips.....	971	3	John H. Michelsen.....	1078	2
George Eldridge.....	972	2	Frank G. Willox.....	1079	3
Joseph Swenzerath.....	973	3	Roy C. Rogers.....	1080	3
L. H. Brisbin.....	974	3	George E. Jones.....	1081	2
George W. King.....	975	2	William H. Thomas.....	1082	1
George Green.....	976	1	John H. Martin.....	1083	2
James M. Davey.....	977	3	Wesley Woten.....	1084	1
H. A. Hathaway.....	978	1	John Wasley	1085	2
John W. Haley	979	3	George W. Powrie	1086	1
Oliver T. Jackson.....	980	3	Robert C. Diamond.....	1087	1
P. F. Kendall.....	981	3	Robert J. Madden.....	1088	2
Charles Thompson.....	982	1	R. D. Sullivan	1090	2
J. W. Conway.....	983	2	P. S. Johnson	1091	2
F. R. McMasters.....	984	3	Henry Green.....	1092	2
Wilson Kilburn.....	985	2	A. Klosowski.....	1093	2
Patrick R. Doherty.....	986	3	V. J. McKinnon.....	1094	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
James J. Lyons.....	1095	1	William E. Headley	1134	1
Owen Tierney.....	1096	1	A. D. Bigelow.....	1135	1
Charles G. Osborne.....	1097	1	Jerry Carter.....	1136	2
Albert Sandy.....	1098	1	George W. Arthur.....	1137	1
Wallace Blain.....	1099	3	Robert Nesbitt.....	1138	1
William P. Claybourn.....	1100	3	John R. Stipe.....	1139	1
Martin Zeller.....	1101	2	James P. Sullivan.....	1140	1
George O'Grady.....	1102	2	Henry Perrant.....	1141	3
Roy Wells.....	1103	2	R. C. McFaul.....	1142	3
E. J. Pascoe.....	1104	3	H. C. Collins.....	1143	3
James Combo.....	1105	2	J. L. Tucker.....	1144	2
John Dooner.....	1106	3	Richard Kessler.....	1145	3
Swan Nelson.....	1107	3	George W. Westby	1146	3
Patrick H. McDermott	1108	3	Harry Huser.....	1147	2
Ira D. Shope.....	1109	3	Frank J. Higgins.....	1148	2
James D. Bridges.....	1110	3	Thomas H. Bailey.....	1149	3
James E. Jackson.....	1111	3	Charles H. Bucher	1150	1
Frederick Maddick.....	1112	1	M. C. Warren.....	1151	1
M. C. Rowe.....	1113	2	John P. Bell.....	1152	2
C. S. Cranston.....	1114	2	J. W. Duncan	1153	1
M. V. Shay.....	1115	1	Peter Doyle.....	1154	2
Manford Gedney.....	1116	2	Florence Sullivan.....	1155	2
John E. Mitcheil	1117	2	I. W. Stoner.....	1156	3
Thomas Mohan.....	1118	2	S. C. Hanson.....	1157	2
Alexander Muir.....	1119	2	John D. Balmat.....	1158	3
Jesse Beauchamp	1120	1	B. M. Lindsay.....	1159	1
Michael Curry.....	1121	3	George E. Weager.....	1160	2
Gilbert Edwardson.....	1122	1	A. J. Nash.....	1161	2
C. W. Walker	1123	2	Alfred N. Richards.....	1162	3
J. J. Barrett.....	1124	1	August Gillis.....	1163	1
Thomas F. Behan.....	1125	1	Henry Andrak.....	1164	1
John Sullivan.....	1126	3	Frederick A. Lake.....	1165	1
W. B. Langdon.....	1127	3	C. H. Titus.....	1166	2
Charles C. Mitchell.....	1128	1	E. W. Riggs.....	1167	1
James W. Jarvis.....	1129	3	Henry Taylor.....	1168	1
James R. Murphy	1130	1	H. W. Burrington.....	1169	2
John Reed.....	1131	3	Frank Beley.....	1170	3
Samuel Bishop.....	1132	1	James T. Levens.....	1171	2
John J. Howley.....	1133	1	Lawrence A. Gray.....	1172	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
E. W. Matteson.....	1173	3	A. D. Clark.....	1263	3
James D. Cameron.....	1174	3	F. M. Kimball.....	1264	3
John Bond.....	1175	2	C. A. Dilley	1265	2
N. E. Stone.....	1176	1	W. H. Smith.....	1266	2
Edward P. Carroll.....	1177	1	Frank P. Ramsey.....	1267	3
D. C. Mattison.....	1178	3	Warren L. Loud.....	1268	3
Joseph Thomas.....	1179	3	Charles Nystrom.....	1269	3
J. C. Bailey.....	1180	3	Joseph Mink.....	1270	3
J. W. Gallogly.....	1181	3	Ernest E. Temple.....	1271	3
H. P. Langdon.....	1182	1	Miles J. McCune	1272	3
Richard R. Naud.....	1183	2	P. J. Barnes.....	1273	3
Albert Nightlinger.....	1184	2	John Martin.....	1274	3
John Rankin.....	1185	3	F. C. Seaman.....	1275	3
Gustave Shoburg.....	1186	2	Frank E. Akin.....	1276	3
Richard Osborne.....	1187	1	James P. Campbell.....	1277	2
William G. Rule.....	1188	1	M. C. Murphy.....	1278	2
W. M. Pennington	1189	3	T. H. Larner.....	1279	1
Richard Evans.....	1190	1	Frank J. Flannigan.....	1280	1
Charles Kammerer.....	1191	1	Arthur E. Bliss.....	1281	1
E. W. L. Peets.....	1192	2	Thomas M. English.....	1282	2
George Nicholson.....	1193	2	Thomas Clark.....	1283	1
Henry Hamnan.....	1194	2	Thomas W. Parker.....	1284	3
William J. Casey.....	1195	3	Thomas J. Ganter.....	1285	1
E. D. Biathrow.....	1196	1	Thomas Morrisy.....	1286	3
Charles Boyle.....	1197	3	Frederick Wedlake.....	1287	2
N. J. Butterman.....	1198	2	Joseph F. Fagan	1288	3
Robert H. Dodds.....	1199	2	John G. Everett.....	1289	3
John T. Carlson.....	1250	2	William Lawler.....	1290	3
C. L. Grubbs.....	1251	2	P. S. Burton.....	1294	2
W. F. Nye.....	1252	2	O. A. Briggs.....	1295	2
P. D. McLean.....	1253	1	D. E. Manville.....	1296	1
William Cahill.....	1255	2	John O. Coale.....	1297	1
William H. Layton.....	1256	3	Patrick Sullivan.....	1298	1
William W. Scott.....	1257	3	Leon F. Forest.....	1299	2
W. L. Mott.....	1258	3	Richard H. Lewis.....	1230	2
Robert Ming.....	1259	3	H. H. Whipple	1231	1
John Duffy.....	1260	3	William McClosky	1232	1
Herman Goecke.....	1261	3	James McCurry	1233	2
Arthur C. Smith	1262	3	John Sewall.....	1234	2

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
George D. Weaver	1235	2	Edward A. Turner	1315	3
Fred C. Treadway.....	1236	3	John R. Myers.....	1316	3
John McMahon.....	1237	3	Louis Jacobson.....	1317	2
Alvin J. Grinnell.....	1238	2	Gabriel Pichon.....	1318	3
J. L. Garwood.....	1239	1	George Slade.....	1319	3
Soren Anderson.....	1240	1	Maurice Heelen.....	1320	3
John Cunningham.....	1241	1	James L. Ware.....	1321	3
John Clark.....	1242	2	E. L. Metcalf.....	1322	3
John J. Metzger.....	1243	1	J. F. Sohl.....	1323	2
J. P. Collins.....	1244	1	J. W. Masterson.....	1324	1
George E. Applegrath.....	1245	2	W. H. Edgecombe.....	1325	3
L. J. Warner.....	1246	3	Nicholas Bohay.....	1350	3
Charles E. Powell.....	1247	3	Charles Bohay.....	1351	3
A. W. Regner.....	1248	2	Thomas Wilson.....	1352	1
W. W. Higgins.....	1249	1	Charles Jackal.....	1353	2
William H. Johns.....	1291	3	Nels Poulson.....	1354	3
Albert German.....	1292	1	F. H. Overturf.....	1355	3
William F. Sinsel.....	1293	3	M. Kolbenson.....	1356	2
John McDonald.....	1294	1	John J. Dowling.....	1357	3
E. G. Fox.....	1295	2	Watson Weismer.....	1358	1
F. L. Johnson.....	1296	1	J. A. McKenzie.....	1359	1
John T. Moore.....	1297	2	Guthrie Middleton	1360	3
Joseph Dougherty.....	1298	3	R. M. Smith.....	1361	3
Andrew Thoen	1299	2	John Dodds.....	1362	3
E. K. Bailey.....	1300	2	J. A. Longstaff.....	1363	3
David A. Noble.....	1301	1	William J. Timmins	1364	2
William Holland.....	1302	2	Cyrus H. Mott.....	1365	2
Walter Lehrkind.....	1303	3	S. W. Bradley	1366	3
Alfred E. Jose.....	1304	1	J. J. Layton.....	1367	1
B. Charles Muhlig	1305	3	Dennis K. Sullivan.....	1368	1
Edward Standiford.....	1306	1	Pershall E. White.....	1369	3
Peter A. Stevens.....	1307	1	Robert Henley.....	1370	3
E. M. Alderman	1308	1	E. Bohay.....	1371	1
W. H. Noll.....	1309	2	G. J. Ammonson.....	1372	3
W. W. White.....	1310	3	H. A. Burrell.....	1373	2
Andrew McMillam.....	1311	1	Thomas Reynolds.....	1374	1
H. N. Merwin	1312	1	John J. Larson.....	1375	3
John Conner.....	1313	2	Charles Trim.....	1376	3
A. G. Redding.....	1314	1	George J. Rogers.....	1377	1

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
William Sparing.....	1378	3	Mason Simpkins.....	1390	2
L. G. Metcalf.....	1379	2	Jacob Ramstorf.....	1391	3
Edward Johnson.....	1380	3	H. S. Joyner.....	1392	1
John L. Adams.....	1381	2	John F. Meade.....	1393	2
Nathan H. Wilkinson	1382	2	Harry Strong.....	1394	3
John Freeman.....	1383	3	John Kerschwing	1395	1
A. C. Johnson.....	1384	2	H. S. Coleman.....	1396	1
C. E. Bennett.....	1385	1	W. E. Stodden.....	1397	1
Frank B. Bennett.....	1386	1	J. E. McDonald.....	1398	3
C. Christofferson.....	1387	2	H. D. Biggs.....	1399	3
John Lang.....	1220	3	William Walters	1400	2
J. E. Turner.....	1221	2	R. A. Jones	1401	1
Perry Steffe.....	1222	2	William J. Geiger.....	1402	3
Seth Jackson.....	1223	2	M. Frickes.....	1403	3
S. Geer.....	1326	3	William P. Bentley.....	1404	2
George W. Vernon	1327	1	J. W. Bradshaw	1405	3
John Hetherington.....	1328	3	John Krudel.....	1406	1
C. C. Garvey.....	1329	3	George J. Opperman	1407	2
Albert S. Davidson.....	1330	3	Alexander Bergland.....	1408	3
C. C. Hanson.....	1331	3	John Holzheimer.....	1409	3
P. A. Ginchereau.....	1332	3	Joseph Parken.....	1410	1
H. C. Rice	1333	3	Michael Cadden.....	1411	3
John Combo.....	1334	1	Meddie Dorrie.....	1412	3
W. J. Darlington	1335	1	J. C. McNamar.....	1413	1
William Erskine.....	1336	3	F. G. Davidson.....	1414	2
Jule George.....	1337	3	Patrick McGinty.....	999	3
Joseph A. Stinger.....	1338	2	George Curtis.....	1200	1
Edward A. Jones.....	1339	3	George Cullum.....	1201	1
Thomas F. Redmund.....	1340	2	James S. Thornton.....	1202	1
William H. Rodgers...	1342	1	John J. Currah.....	1203	2
Frank Lutter.....	1343	3	Joseph Onthank.....	1204	1
James Murphy.....	1344	3	Maurice Deering.....	1205	1
Frank Carney.....	1345	2	Jasper Yotter.....	1206	2
Thomas Riley.....	1346	2	H. V. McCormick.....	1207	3
J. H. Smith.....	1347	2	Samuel Caygill.....	1208	3
John Donahue.....	1348	3	W. E. Fulton.....	1209	3
Martin Dee.....	1349	1	W. T. Gratte.....	1210	3
Joseph Robbins.....	1388	1	John F. Minckler.....	1211	3
Jerry Mahoney.....	1389	2	Conrad Niebergall	1212	3

NUMBER AND GRADE OF LICENSES—CONTINUED.

Name.	No.	Grade.	Name.	No.	Grade.
James Cothril...	1213	2	Partrick Hale.....	1217	3
G. B Alexander.....	1214	2	C. M. Likes.....	1218	3
William F. Jamison.....	1215	3	William Vanstone.....	1219	2
John J. Morris.....	1216	3			

